BRUHAT BANGALORE MAHANAGARA PALIKE

YELAHANKA ZONE

Estimate Cost Rs. 1000000.00

Name of Work: Detailed Estimate for the work of Construction of Culverts in ward No-02 of yelahanka Sub Division.

Sl No	Description of Item	Unit	No	L	B	D	Qty	Rate	Amount
2	KSRB 2-2.1 earth work excavation for foundation of buildings, culvens water supply, sanitary line and electrical conduits either in pits or in trenches 1.5m and above in width, in ordinary soil not exceeding 1.5m, in depth including dressing the bottom and sides of pits and trenches, stacking the excavated soil clear from edges of excavation with lead upto 50m, after breaking of clods complete as per specifications specification No. KBS 2.1(a) / 2.3.5, No. 5/ Item No. 2.3/ PWD SR 2013-14	cum							
	For RCC drain		1	30.00	1.00	0.90	27.00		
	for culvert		7	7.00	1.50	1.00	73.50		
							100.50	151.74	15250.00
	Basic Rate	140.50							
	Area Weighlage @ 8%	11.24							
	Total	151.74							
3	KSRB 100-1 Loading and unloading olstone aggregates / sand/ kanker/ Moorum /soil KSRRB M100-1 Placing tipper at loading with front end loader dumpting turning for return trip excluding time for haulged and return trip complete as per specification item No 17.1 page 141 and KSRB M.100.4.1 costof haulage excluding loading and unloading MORTH to a distance of 4.00 K.M (Item No 17.4 Page 141 (SR 2013-14)	cum							
			Vide Item No. 2				100.50	78.24	7863.00
	Basic Rate for loading and unloading	62.20							
	Basic Rate for Haulage upto 4.00 k m =1.28 X 2 X 4	10.24							
		72.44							
	Area Weightage @ 8%	5.80							
	Total	78.24							

Sl No.	Description of item	Unit	No	L	B	D	Qty	Rate	Amount
4	KSRB-4-1.3 Providing and laying in position plain cement concrete of mix M7.5 withOPC cement at 180kgs, with 40mm and down size graded granite metal coarse aggregates @0.892cum and fine aggregates @0.57cum machine mixed, concrete laid in layers not exceeding 15cms, thick, well compacted, in foundation and plinth including cost of all materials, labour, HOM of machinery, curing complete as per specifications. Specification No. KBS 4.1.4.2, No. 12/ Item No. 4.3/ PWD SR 2013-14	Cum							
			1	30.00	0.90	0.15	4.05		
	for Culvert		7	7.00	1.20	0.20	11.76		
							15.81	4290.84	67838.00
	Basic Rate	3973.00							
	Area Weightage @ 8%	317.84							
	Total	4290.84							
5	KSRB 4.2.2 Providing and laying in position plain cement concrete of mix M20 withOPC cement @ 320kgs, with 20mm and down size graded granite metal coarse aggregates @0.878cum and fine aggregates @0.468cum with superplasticiser @ 3lts conforming to IS9103-1999Reinforced machine mixed exceeding 15cms thick, vibrated for all works in foundation plinth and ground floor level for roof slabs, staircase, lintels, retaining walls, return walls, walls(any thickness) including attached pilasters, columns, piers, abutments, pillars, posts, struts, buttresses, string or laging courses, parapets, coping, bed blocks, anchor blocks, plain window cills, fillets etc including cost of all materials, labour HOM of machinery, curing, complete as per specifications. Specification No KBS 4.1.4.6, No. KBS 4.1.4.6, No. 13/ Item No. 4.11/ PWD SR 2013-14	Cum							
	bed for RCC drain		1	30.00	0.90	0.15	4.05		
	side walls		2	30.00	0.15	0.70	6.30		
	for Culvert		7	7.00	1.20	0.30	17.64		
	side walls		14	7.00	0.30	0.70	20.58		
	for deck slab		7	7.00	1.20	0.30	17.64		
							66.21	5639.76	373409.00
	Basic Rate	5222.00							
	Area Weightage @ 8%	417.76							
	Total	5639.76							

Sl	Description of item	Unit	No	L	B	D	Qty	Rate	Amount
6	KSRB 4.9.2 providing T.M.T steel reinforcement for R.C.C work including straightening, cutting, bending, hooking, placing in position, lapping and / or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per design (laps, hooks and wastage shall not be measured and paid) cost of materials, labour, HOM of machinery complete as per specifications. Specification No. KBS 4.6.3 Page No. 19/ Item No. 4.46/ PWD SR 2013-14	Quintal							
	for RCC drain 65Kg/cum		0.650	10.35			6.73		
	for Culvert 90 kg/cum		0.900	55.86			50.27		
				66.21			57.00	7380.72	420712.00
	Basic Rate	6834.00							
	Area Weightage @ 8%	546.72							
	Total	7380.72							
7	KSRB 4-6.4 Providing and removing centering, shuttering, strutting propping etc. and removal of form work for vertical surface such as walls at any thickness, attached pilasters,bittresses,buttresses plinth and string course including cost of all materials, labour complete as per specifications. Specification NO KBS 4.6.2 Page No. 17/ Item No. 4.31/ PWD SR 2013-14	sqm							
	for RCC drain	1x4	4	30.00	0.70		84.00		
	for Culvert	7x4	28	7.00	0.70		137.20		
	deck bottom		7	7.00	0.60		29.40		
							250.60	271.08	67933.00
	Basic Rate	251.00							
	Area Weightage @ 8%	20.08							
	Total	271.08							
8	RCC Precast covering slab for drain (10cm thick)	sqm							

Sl No	Description of item	Unit	No	L	B	D	Qty	Rate	Amount
			1	30.00	0.90		27.00		
	Rate Approved by BBMP	1245.00					27.00	1245.00	33615.00
9	1% of Quality control charges								10000.00
10	Miscellaneous charges								3385.00
								Total	1000000.00

(Rupees Ten Lakhs Only)

CERTIFICATE

1. The work spot has been inspected and the work is found necessary.
2. This estimate is prepared as per C.S.R. of 2013-14.
3. The provisions were made in this estimate are necessary and adequate.
4. This works come under B.B.M.P. limits.

Assistant Engineer

Assistant Executive Engineer
Yelahanka Sub Division
Bangalore-64

Executive Engineer
Yelahanka Division
Bangalore-64

ADMINISTRATIVELY SANCTIONED FOR Rs 10.00 lakh
Rupees Ten lakhs Rupees Only
Under P.W.D. 2013-2014
Registered as EE( ) No. 9
Subject to conditions contained in enclosed memo EE( ) No. 9
Dt. Estimate A/Sanctioned
EE/YNK/TS/ 113-14 No.
dated 30-10-13 Rs 10.00 lakh

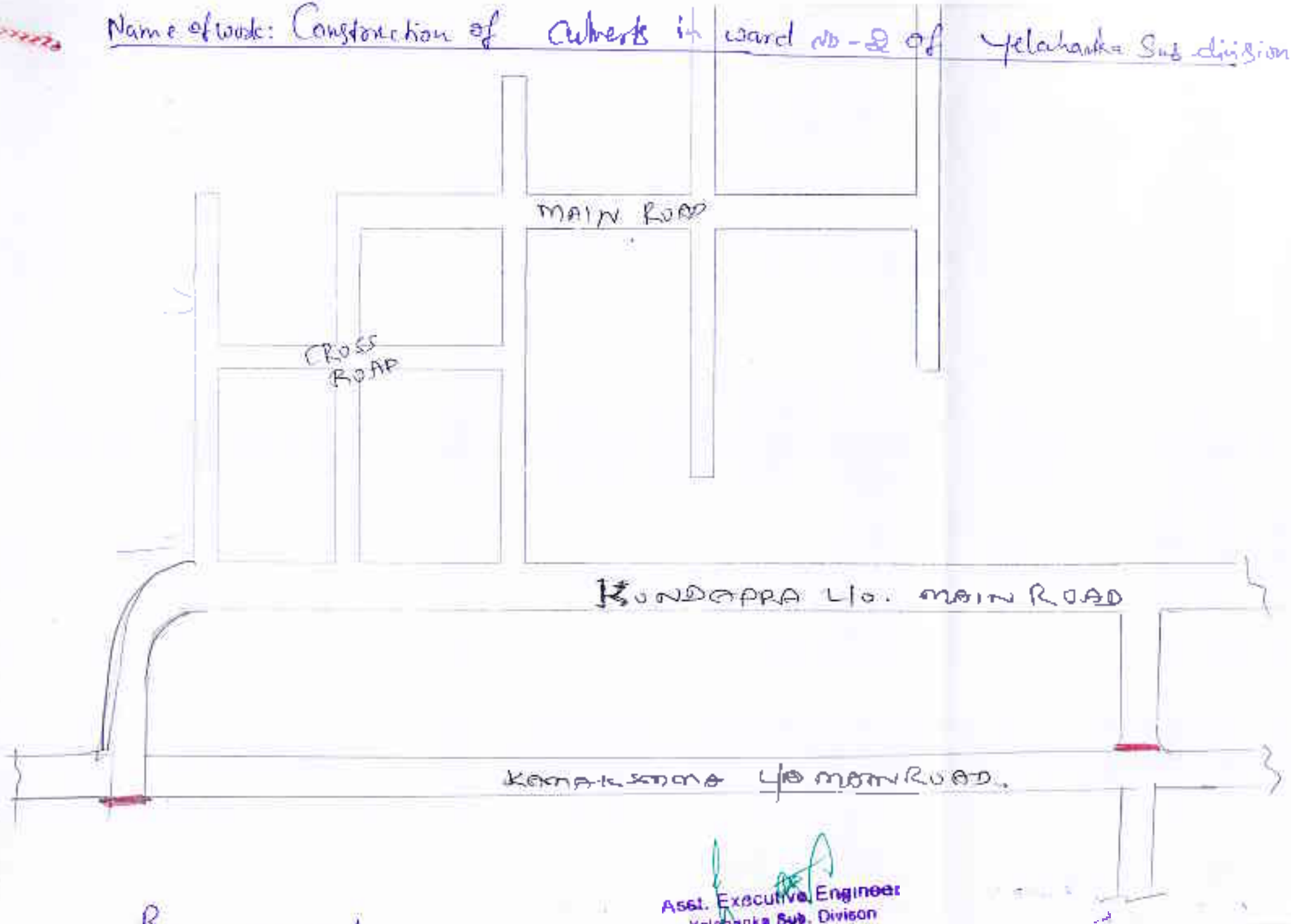
Joint Commissioner
Yelahanka Zone
BBMP Bengaluru-64

30/10/13.

TECHNICALLY SANCTIONED FOR Rs 10.00 lakh
Rupees Ten Lakhs Rupees Only
Under P.W.D - 2013-14
Registered as EE( ) No. 9
Subject to conditions contained in enclosed memo EE( ) No. 9
Dt. Estimate A/ Sanctioned
EE/YNK/TS/ 113-14 No.
Dated 30.10.2013 Rs. 10.00 lakh

Executive Engineer

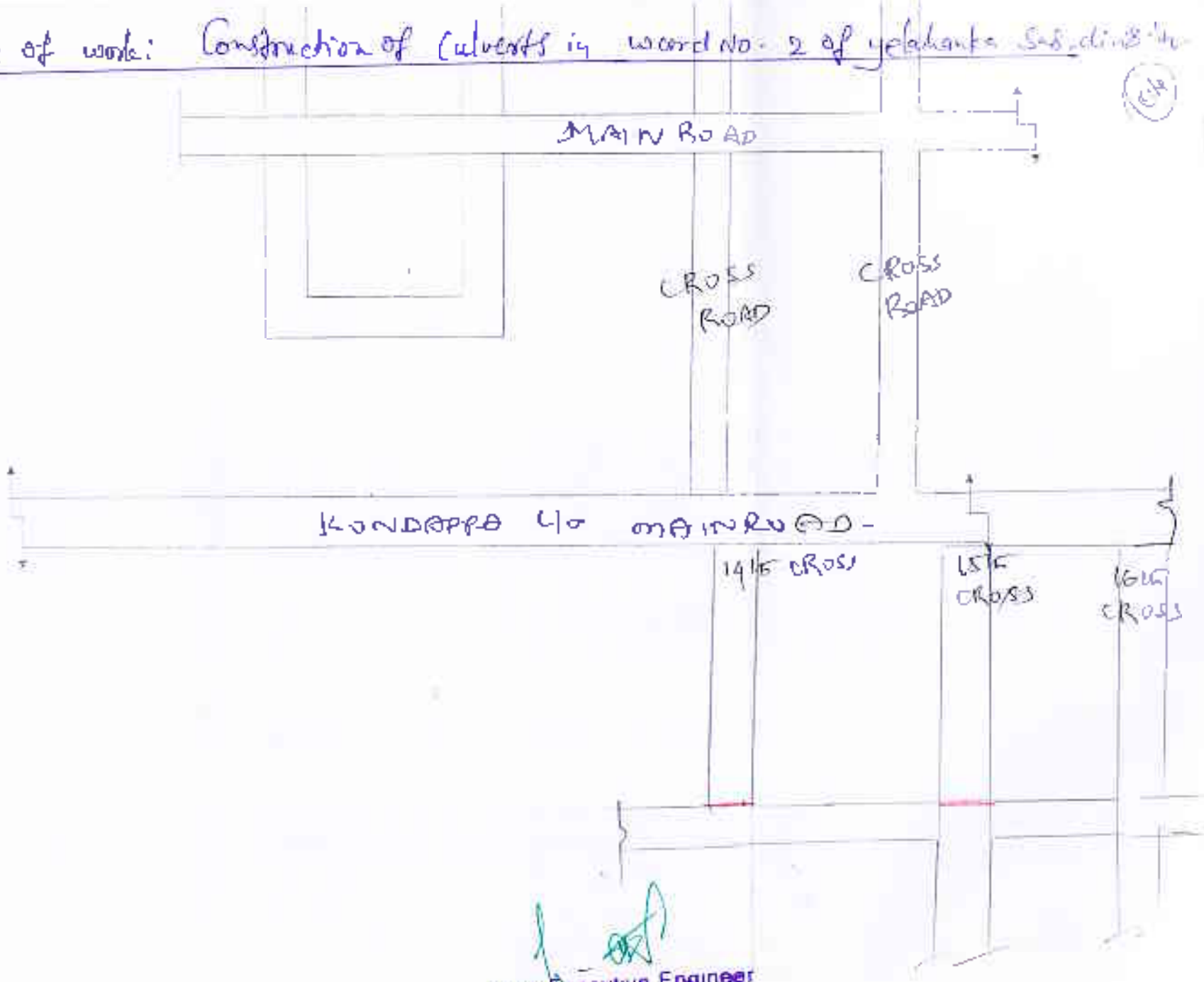
Name of work: Construction of Culverts in ward no-2 of Yelahanka Sub division.



Asst. Executive Engineer
Yelahanka Sub. Divison
(BBMP Ynk. Zn)
Yelahanka, Bangalore

INDES
PROPOSED

Name of work: Construction of culverts in ward No. 2 of yelahanka Sub division



Asst. Executive Engineer
Yelahanka Sub. Division
(BBMP Ynk. Zn)
Yelahanka, Bangalore

Ramagowda

INDEM
PR